

ABSTRACT

A safety system and method for a manual transmission vehicle with a remote starter is provided. The system includes a motion transducer module detecting motion of the vehicle and a controller module deciding erroneous starting of the vehicle and stopping the vehicle when erroneous starting is decided. The controller module receives motion data from the motion transducer module. A baseline is set in the detected motion data, and the controller module calculates number of baseline crossings that occur within a predetermined time frame in the motion data. The controller module decides erroneous starting based on the number of baseline crossings. The controller module adjusts the baseline based on averaged motion data from the motion transducer module when the remote starter is inactive.